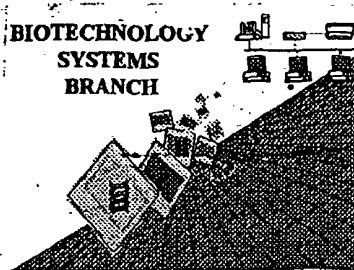# RAW SEQUENCE LISTING
ERROR REPORT

**BIOTECHNOLOGY
SYSTEMS
BRANCH**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: _09/687,864_

Source: _01PE_

Date Processed by STIC: _10/27/2000_

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:
1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY.
FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.
PATENTIN 2.1 e-mail help: **patin21help@uspto.gov** or phone 703-306-4119 (R. Wax)
PATENTIN 3.0 e-mail help: **patin30help@uspto.gov** or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 3.0 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO).

Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down l aded fr m the USPTO website at the following address:
http://www.uspto.gov/web/offices/pac/checker

OIPE

RAW SEQUENCE LISTING   DATE: 10/27/2000
PATENT APPLICATION: US/09/687,864   TIME: 13:10:16

Input Set : A:\PTO.txt
Output Set: N:\CRF3\10272000\I687864.raw

**Does Not Comply
Corrected Diskette Needed**

```
        1 <110> APPLICANT: Ledbetter, Jeffrey Hayden-
W-->    2 <120> TITLE OF INVENTION: DNA VACCINES ENCODING ANTIGEN LINKED TO A DOMAIN THAT
W-->    3 <130> FILE REFERENCE: US 60/159,690<140> US 60/159,690<141> 1999-10-14<150> US
C-->    4 <140> CURRENT APPLICATION NUMBER: US/09/687,864
C-->    4 <141> CURRENT FILING DATE: 2000-10-13
W-->    4 <151> PRIOR FILING DATE: 1999-10-14<160> 27 <170> PatentIn version 3.0<210> 1<211>
```

RECEIVED

NOV 28 2000

TECH CENTER 1600/2900

```
ERRORED SEQUENCES

        5 <212> TYPE: DNA<213> Artificial<220><223> synthetic oligonucleotide
W-->    0 <160> NUMBER OF SEQ ID NOS:
W-->    7 <210> SEQ ID NO:
W-->    7 <211> LENGTH:
W-->    7 <213> ORGANISM:
E-->    7 <400> SEQUENCE: 1
        8 agcttgccgc catgctgtat acctctcagc tgttaggact acttctgttt tggatctcgg       60
E-->   10 cttcga                                                                  66
```

major format errors

see next page

insert a hard return

delete

SEQUENCE LISTING<110> Ledbetter, Jeffrey   Hayden-
Ledbetter, Martha<120>   DNA VACCINES ENCODING ANTIGEN LINKED TO A DOMAIN THAT
BINDS CD40<130>   US 60/159,690<140>   US 60/159,690<141>   1999-10-14<150>   US
60/159,690<151>   1999-10-14<160>   27 <170> PatentIn version 3.0<210> 1<211>
66<212> DNA<213> Artificial<220><223> synthetic oligonucleotide

<400> 1
agcttgccgc catgctgtat acctctcagc tgttaggact acttctgttt tggatctcgg   60

cttcga   66

Insert a hard return after each response

Arrows indicate hard return needed.

This page shown as a sample of global errors.

FYI: <1407 and <1417 responses are incorrect. US 60/159,690 and 1999-10-14 are not current application no. and filing date. As shown, they only belong in <1507 and <1517 sections.

FYI **Please review the**
Sequence Listing to ensure that a corresponding explanation is presented in the <220> t
<223> fields of each sequ nce which presents at least one n or Xaa.

Input Set : A:\PTO.txt
Output Set: N:\CRF3\10272000\I687864.raw

```
L:2 M:283 W: Missing Blank Line separator, <120> field identifier
L:3 M:283 W: Missing Blank Line separator, <130> field identifier
L:4 M:270 C: Current Application Number differs, Replaced Current Application No
L:4 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:4 M:289 W: Numeric Identifier Missing or Out-Of-Order, <150> PRIOR APP NO
L:0 M:282 W: Numeric Field Identifier Missing, <160> is required.
L:7 M:282 W: Numeric Field Identifier Missing, <210> is required.
L:7 M:282 W: Numeric Field Identifier Missing, <211> is required.
L:7 M:282 W: Numeric Field Identifier Missing, <213> is required.
L:7 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQUENCE ID NOS:0 differs:1
L:10 M:252 E: No. of Seq. differs, <211>LENGTH:Input:0 Found:66 SEQ:0
L:16 M:282 W: Numeric Field Identifier Missing, <211> is required.
L:16 M:282 W: Numeric Field Identifier Missing, <212> is required.
L:16 M:282 W: Numeric Field Identifier Missing, <213> is required.
L:33 M:282 W: Numeric Field Identifier Missing, <211> is required.
L:33 M:282 W: Numeric Field Identifier Missing, <212> is required.
L:33 M:282 W: Numeric Field Identifier Missing, <213> is required.
L:40 M:282 W: Numeric Field Identifier Missing, <211> is required.
L:40 M:282 W: Numeric Field Identifier Missing, <212> is required.
L:40 M:282 W: Numeric Field Identifier Missing, <213> is required.
L:47 M:282 W: Numeric Field Identifier Missing, <211> is required.
L:47 M:282 W: Numeric Field Identifier Missing, <212> is required.
L:47 M:282 W: Numeric Field Identifier Missing, <213> is required.
L:54 M:282 W: Numeric Field Identifier Missing, <211> is required.
L:54 M:282 W: Numeric Field Identifier Missing, <212> is required.
L:54 M:282 W: Numeric Field Identifier Missing, <213> is required.
L:63 M:282 W: Numeric Field Identifier Missing, <211> is required.
L:63 M:282 W: Numeric Field Identifier Missing, <212> is required.
L:63 M:282 W: Numeric Field Identifier Missing, <213> is required.
L:70 M:282 W: Numeric Field Identifier Missing, <211> is required.
L:70 M:282 W: Numeric Field Identifier Missing, <212> is required.
L:70 M:282 W: Numeric Field Identifier Missing, <213> is required.
L:77 M:282 W: Numeric Field Identifier Missing, <211> is required.
L:77 M:282 W: Numeric Field Identifier Missing, <212> is required.
L:77 M:282 W: Numeric Field Identifier Missing, <213> is required.
L:86 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:88 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:92 M:282 W: Numeric Field Identifier Missing, <211> is required.
L:92 M:282 W: Numeric Field Identifier Missing, <212> is required.
L:92 M:282 W: Numeric Field Identifier Missing, <213> is required.
L:173 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:175 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:179 M:282 W: Numeric Field Identifier Missing, <211> is required.
L:179 M:282 W: Numeric Field Identifier Missing, <212> is required.
L:179 M:282 W: Numeric Field Identifier Missing, <213> is required.
L:258 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:260 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:265 M:282 W: Numeric Field Identifier Missing, <211> is required.
```

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L:265 M:282 W: Numeric Field Identifier Missing, <212> is required.
L:265 M:282 W: Numeric Field Identifier Missing, <213> is required.
L:340 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:342 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:346 M:282 W: Numeric Field Identifier Missing, <211> is required.
L:346 M:282 W: Numeric Field Identifier Missing, <212> is required.
L:346 M:282 W: Numeric Field Identifier Missing, <213> is required.
L:419 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:422 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:427 M:282 W: Numeric Field Identifier Missing, <211> is required.
L:427 M:282 W: Numeric Field Identifier Missing, <212> is required.
L:427 M:282 W: Numeric Field Identifier Missing, <213> is required.
L:464 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:467 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:471 M:282 W: Numeric Field Identifier Missing, <211> is required.
L:471 M:282 W: Numeric Field Identifier Missing, <212> is required.
L:471 M:282 W: Numeric Field Identifier Missing, <213> is required.
L:506 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:509 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:513 M:282 W: Numeric Field Identifier Missing, <211> is required.
L:513 M:282 W: Numeric Field Identifier Missing, <212> is required.
L:513 M:282 W: Numeric Field Identifier Missing, <213> is required.
L:544 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:547 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:552 M:282 W: Numeric Field Identifier Missing, <211> is required.
L:581 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:584 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:733 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:736 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:883 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:886 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:1024 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:1027 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:1162 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:1165 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:1231 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:1234 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:1297 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:1300 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:1354 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:1357 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:0 M:203 E: No. of Seq. differs, <160> Number Of Sequences:Input (0) Counted (25)
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